

The following Listing of Claims will replace all prior versions, and listings, of claims in the application.

LISTING OF CLAIMS:

1. (Currently Amended) A rotary compressor comprising:
a rotation mechanism (20) including a cylinder (21) having an annular cylinder chamber; (50);
an annular piston (22) ~~contained~~ disposed in the cylinder chamber (50) ~~eccentrically~~
~~from to be eccentric to the cylinder, the annular piston dividing (21) and sectioning the~~
cylinder chamber (50) into an outer compression chamber (51) and an inner compression
chamber; (52); and
a blade (23) disposed in the cylinder chamber (50) ~~and sectioning to divide~~ each said
~~of the inner and outer~~ compression chambers (51, 52) into a high-pressure side and a low-
pressure side, ~~said~~ the rotation mechanism (20) compressing a fluid by relatively rotating the
cylinder (21) and the piston, (22), wherein
~~one of the two inner and outer~~ compression chambers (52, 51) ~~serves as~~ being a low-
stage side compression chamber (51) for compressing a low-pressure fluid into an
intermediate-pressure fluid, and the other of the two inner and outer compression chambers
(52, 51) ~~serves as~~ being a high-stage side compression chamber (52) for compressing the
intermediate-pressure fluid compressed in the low-stage side compression chamber (51) into
a high-pressure fluid.

2. (Currently Amended) The rotary compressor of ~~Claim~~ claim 1, wherein

the outer compression chamber (51) serves as the low-stage side compression chamber (51), and the inner compression chamber (52) serves as the high-stage side compression chamber, (52).

3. (Currently Amended) The rotary compressor of ~~Claim 1~~ claim 1, further comprising

a casing (10) containing the rotation mechanism, (20), wherein the casing forming an intermediate-pressure space (4b) into which the intermediate-pressure fluid compressed in the low-stage side compression chamber (51) is introduced; ~~is formed inside the casing (10); and~~ a gas injection pipe (1e) ~~through which a gas is injected into the intermediate pressure space (4b)~~ is connected to the casing (10). and configured to accommodate a gas that is injected into the intermediate pressure space.

4. (Currently Amended) The rotary compressor of ~~Claim 1~~ claim 1, further comprising

a driving mechanism (30) for driving the rotation mechanism, and (20), wherein the a rotation speed of the driving mechanism (30) is being variably controlled.

5. (Currently Amended) The rotary compressor of ~~Claim 1~~ claim 1, further comprising

a casing (10) containing the rotation mechanism, (20), wherein the casing (10) is formed internally with forming an intermediate-pressure space (4b) into which the intermediate-pressure fluid compressed in the low-stage side compression chamber (51) is

introduced and a high-pressure space (4a) into which a high-pressure fluid is introduced, the intermediate-pressure space (4b) being obtained by compressing, in the low-stage side compression chamber, (51), the intermediate-pressure fluid contained in the intermediate-pressure space (4b) and discharged from the high-stage side compression chamber, (52).

6. (Currently Amended) The rotary compressor of ~~Claim~~ claim 5, wherein the intermediate-pressure space (4b) is formed below the high-pressure space (4a), and the casing (10) includes an oil return passage (80) through which the high-pressure space (4a) communicates with the intermediate-pressure space, (4b).

7. (Currently Amended) The rotary compressor of ~~Claim~~ claim 1, further comprising

a driving mechanism (30) for driving the rotation mechanism, (20), ~~wherein~~ the driving mechanism (30) ~~includes~~ includes including a stator, (32), a rotor (31) and a drive shaft (33) coupled to the rotor, (31), the drive shaft (33) ~~includes~~ includes including an eccentric part (35) that is eccentric from ~~the~~ a center of rotation, the eccentric part (35) ~~is~~ is being coupled to the rotor, (20), and a part of the drive shaft (33) located ~~to~~ at both axial sides of the eccentric part (35) ~~is~~ is being supported via bearing parts (18, 19) in ~~a~~ the casing, (10).

8. (Currently Amended) The rotary compressor of ~~Claim~~ claim 1, wherein the piston (22) ~~has a shape of C obtained by cutting an annular ring, is C-shaped to~~ form a gap,

the blade (23) extends from ~~the an~~ inner peripheral wall surface of the cylinder chamber (50) to ~~the an~~ outer peripheral wall surface thereof and passes through the ~~cut part~~ ~~gap~~ of the piston, (22), and

the gap has a swing bushes (27) coming in surface contact with bushing contacting the
piston (22) and the blade (23) are disposed in the ~~cut part of the piston (22) therein~~ such that
the blade (23) is reciprocatable and the blade (23) is swingable relative to the piston, (22).